

**PCT
Power of Attorney**

(For PCT International Patent Applications under the Patent Cooperation Treaty)

The undersigned:

ADVANCED TECHNOLOGY MATERIALS, INC.
7 Commerce Drive
Danbury, CT 06810
United States of America

hereby appoints all practitioners associated with United States Patent and Trademark Office customer number

23448

of

**INTELLECTUAL PROPERTY/
TECHNOLOGY LAW**
P.O. Box 14329
Research Triangle Park, NC 27709
United States of America

and additionally appoints the following practitioners:

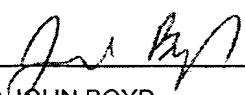
John Boyd	Registration No. 38,055
Margaret Chappuis	Registration No. 45,735

of

ADVANCED TECHNOLOGY MATERIALS, INC.
7 Commerce Drive
Danbury, CT 06810
United States of America

to represent the undersigned before all the competent international authorities in connection with any and all international applications filed by the undersigned with the United States Patent and Trademark Office or the European Patent Office as Receiving Office and/or as International Preliminary Examining Authority, and to make payments on behalf of the undersigned.

ADVANCED TECHNOLOGY MATERIALS, INC.

By:  Date: Nov. 4, 2005
Name: JOHN BOYD
Title: Chief Intellectual Property Counsel

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The undersigned:

J. DONALD CARRUTHERS

(applicant for the U.S. only)

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Name: J. DONALD CARRUTHERS

Applicant's Signature:

Residence: 321 OAKWOOD DRIVE, FAIRFIELD, CT 06430

Citizenship: US

4/7/2006

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The undersigned:

JOSE I. ARNO

(applicant for the U.S. only)

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Office customer number**

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Examining Authority, and to make payments on behalf of the undersigned.**

Name: JOSE I. ARNO

Applicant's Signature: 

Date: 3/17/05

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